



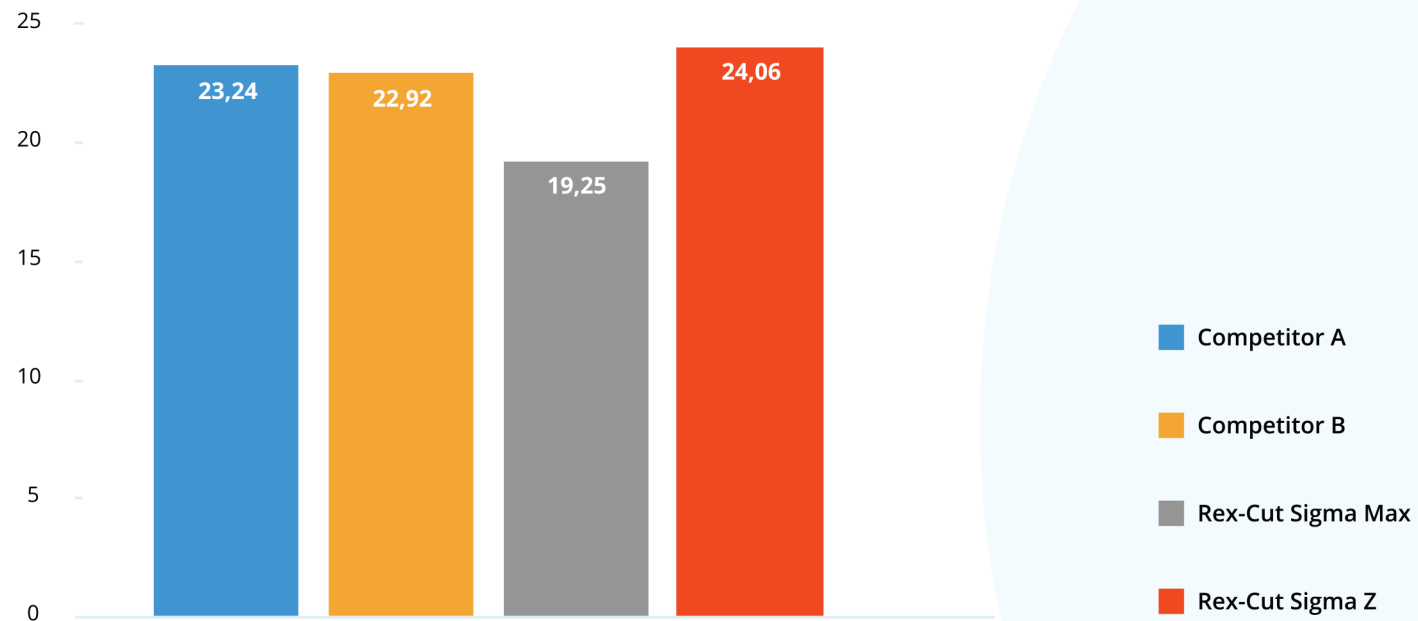
Sigma Z Excels in Stainless Fabrication

Grinding and finishing go hand in hand when fabricating stainless steel. Although different alloys require special treatment for the desired end application, all types of stainless have a material hardness and heat sensitivity that requires special knowledge and the correct tooling for operators to succeed.

Sigma Z is engineered to remove stainless steel at a high rate with a noticeably smoother and chatter-free operation to keep grinding operators safely working at full capacity.

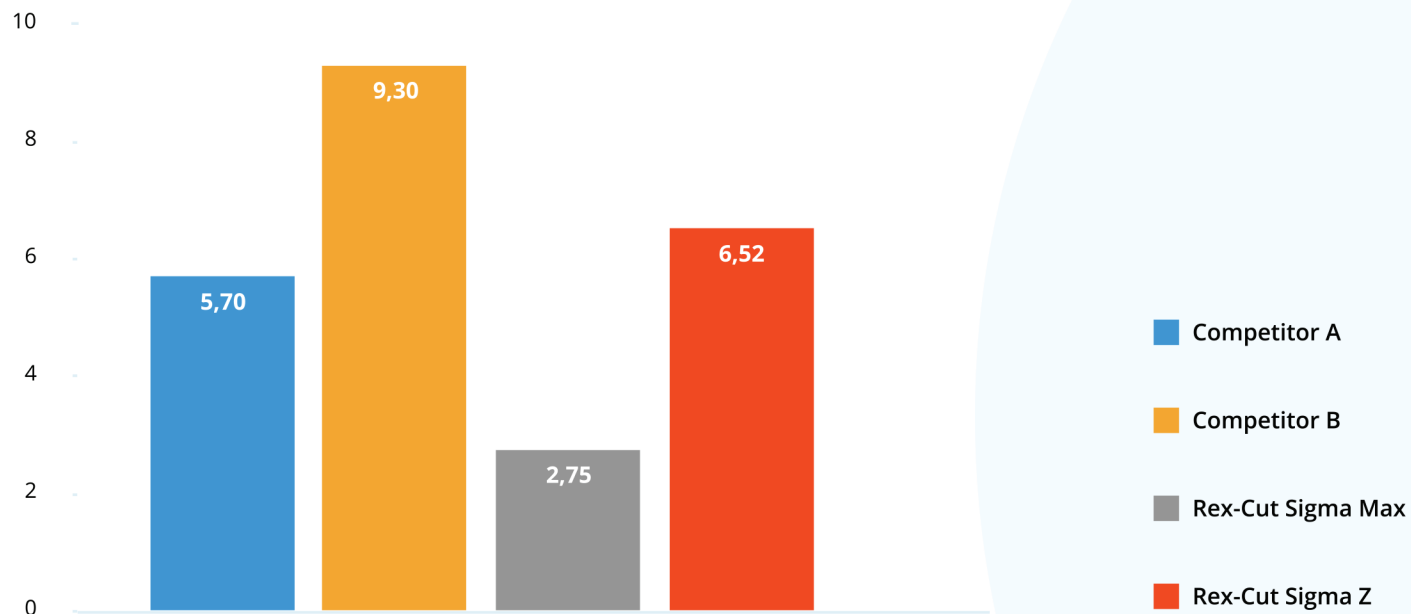


Cut Rate



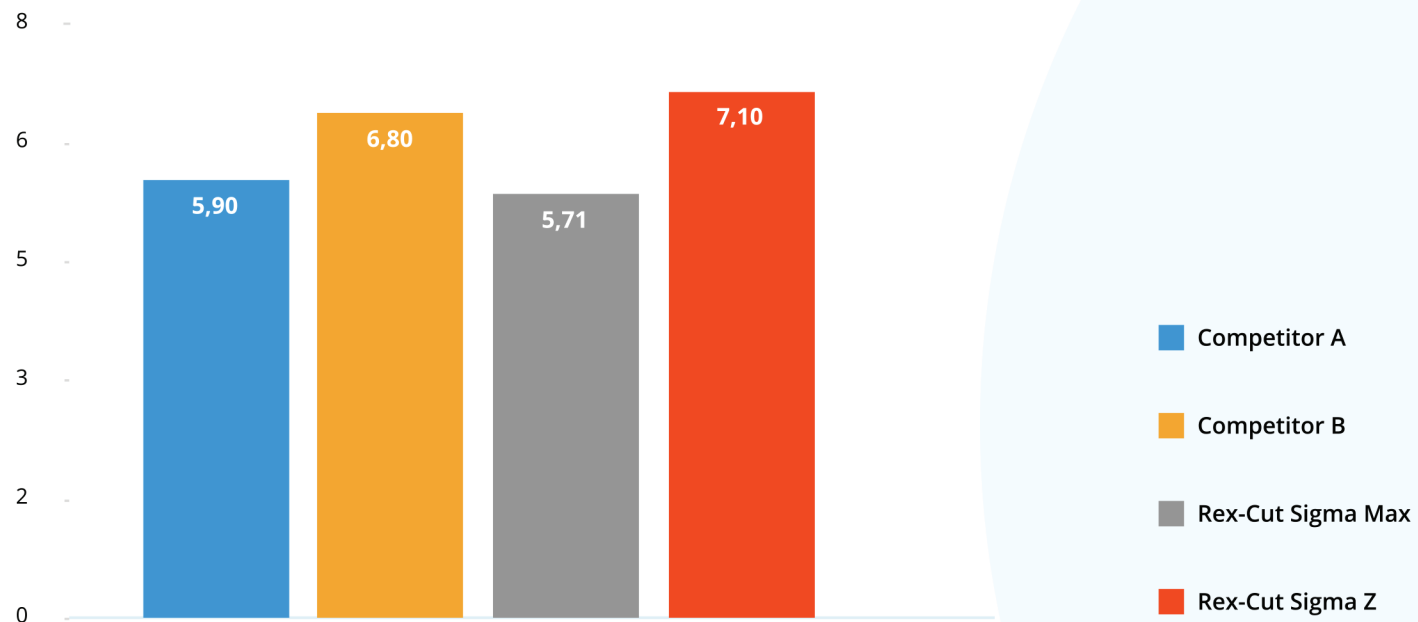
Sigma Z removes an average of 24.06 grams of 304 Stainless Steel per minute.

Grinding Ratio



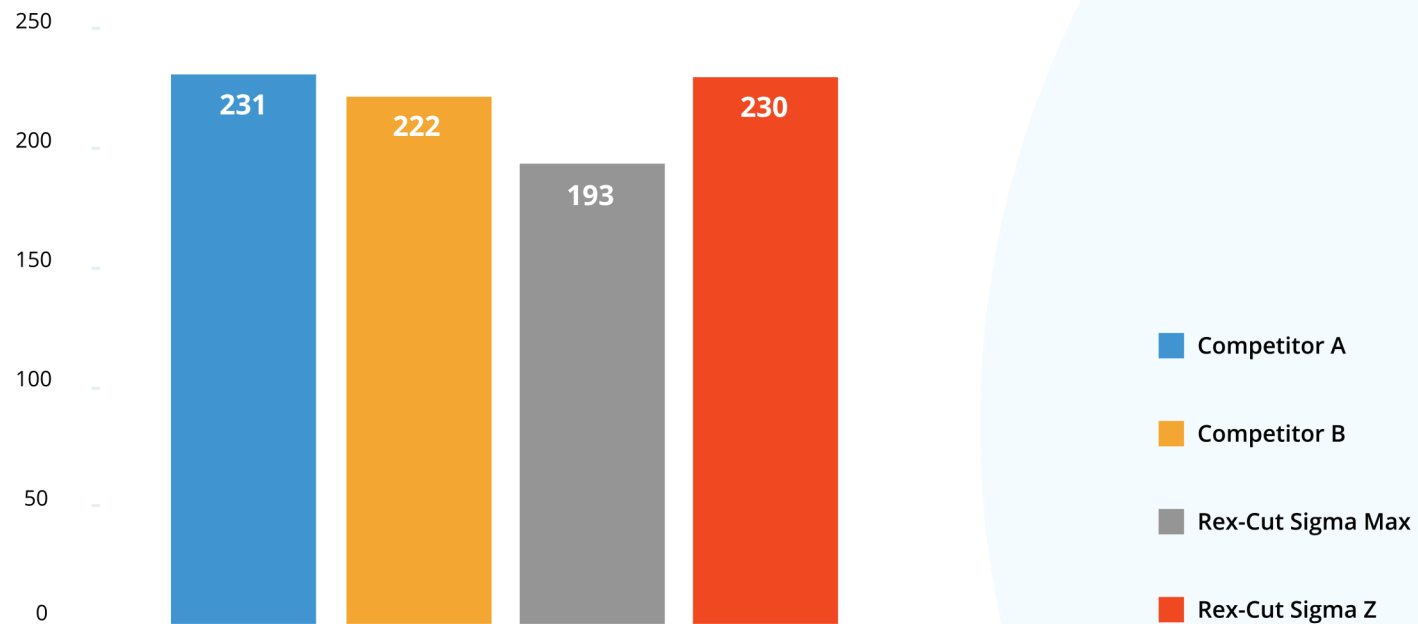
Sigma Z Grinds on average removes 6.52 grams of 304 Stainless Steel per 1 gram of wheel loss.

Inches of Weld Removed per Minute



Sigma Z on average removes 7.1 inches of 304 Stainless Steel per minute.

RA Finish



Sigma Z leaves a Surface Roughness of 230 on 304 Stainless Steel.

Grinding Comparison Results



	Competitor A	Competitor B	Rex-Cut Sigma Max	Rex-Cut Sigma Z
Metal Weight Start - g	5095.9	5001,4	4912,0	4828,6
Metal Weight End - g	5001,4	4912,0	4828,6	4741,2
Metal Loss - g	94,5	89.4	83.4	87.4
TIME	4.04	3.54	4.20	3.38
Cut Rate - grams per minute	23.24	22.92	19.25	24.06
Cut Rate - rank	2nd	3rd	4th	1st
Wheel Weight Start - g	212.5	235.4	183.9	183.7
Wheel Weight End - g	196.0	225.8	153.6	170.3
Wheel Loss - g	16.5	9.6	30.3	13.4
RA	231	222	193	230
Weld length	24	24	24	24
Grinding Ration: M loss vs W loss - g	5.7 : 1	9.3 : 1	2.75 : 1	6.52 : 1
Grinding Ratio - rank	3rd	1st	4th	2nd

Sigma Z is engineered to remove stainless steel at a high rate with a noticeably smoother and chatter-free operation to keep grinding operators safely working at full capacity. Put worries of overheated and distorted parts in the past.



Sigma Z is available now

in 4.5", 5", 6", and 7" diameters.


Find a distributor close to you and add Sigma Z to your abrasive cabinet today.

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